

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) A communication apparatus, comprising:

first communication means for communicating with an electronic key device in which at least first electronic key information is stored;

second communication means for transmitting information through a communication network;

a storage section for storing second electronic key information;

door lock control means for comparing the first electronic key information received from ~~said~~ the electronic key device through ~~said~~ the first communication means ~~and with the~~ second electronic key information stored in ~~said~~ the storage section, ~~thereby with each other and~~ controlling a lock apparatus for a door based on the result of the comparison;

user recognition means for recognizing a user of ~~said~~ the electronic key device based on the information received from ~~said~~ the electronic key device through ~~said~~ the first communication means; ~~and~~

~~sender~~ transmission control means for controlling, based on the recognition result of the ~~recognition by said~~ user recognition means, ~~so that~~ the transmission of information regarding passing in/out of the user of ~~said~~ the electronic key device ~~is-~~

~~transmitted~~ to a predetermined notification destination ~~determined in advance~~ through ~~said the~~ second communication means; and

setting storing means for accepting and storing a setting of the user of the electronic key device, the setting storing means determining a notification destination that the information regarding the passing in/out is to be transmitted;

wherein the setting storing means accepts and stores time information related to the user of the electronic key device; and

wherein the transmission control means transmits information regarding that passing in/out of the user of the electronic key device does not occur to the notification destination through the second communication means, if the set user of the electronic key device is not recognized by the user recognition means for an elapsed time period corresponding to the time information stored in the setting storing means.

2-3. (Canceled).

4. (Currently Amended) The communication apparatus according to claim 1 [[3]], wherein

the notification destination is the set user of ~~said the~~ the electronic key device, and the information regarding that passing in/out of the user of ~~said the~~ the electronic key device does not occur is information for urging the user of ~~said the~~ the electronic key device to perform the passing in/out.

5. (Currently Amended) The communication apparatus according to claim 1 [[3]], wherein

the notification destination is a person different from the set user of ~~said~~ the electronic key device.

6. (Currently Amended) The communication apparatus according to claim 5, wherein

~~when~~ if the set user of ~~said~~ the electronic key device is recognized by ~~said~~ the user recognition means ~~after~~ during the elapsed time period corresponding to the set time information ~~elapses~~, the information regarding coming in/going out of the user of ~~said~~ the electronic key device is transmitted to the notification destination through ~~said~~ the second communication means.

7. (Currently Amended) The communication apparatus according to claim 1, wherein

the electronic key information is formed from identification information with which the user of ~~said~~ the electronic key device can be identified, and

~~said~~ the user recognition means recognizes the user of ~~said~~ the electronic key device who comes in/goes out through ~~said~~ the door based on the electronic key information received from ~~said~~ the electronic key device.

8. (Currently Amended) The communication apparatus according to claim 1,
wherein

the electronic key information is identification information allocated and unitarily
managed so that the same electronic key information may not co-exist,

~~said~~ the communication apparatus further comprises a personal information
storage section for storing personal information with which an owner of ~~said~~ the
electronic key device can be specified corresponding to the electronic key information
and means for comparing the electronic key information received from ~~said~~ the
electronic key device and the electronic key information stored in ~~said~~ the storage
section with each other and managing coming in/going out of the owner of ~~said~~ the
electronic key device through ~~said~~ the door based on the result of the comparison, and

~~said~~ the user recognition means recognizes the user of ~~said~~ the electronic key
device who comes in/goes out through ~~said~~ the door based on the electronic key
information received from ~~said~~ the electronic key device.